

AMENDMENTS TO THE CLAIMS:

Please cancel claims 7 and 12 without prejudice or disclaimer.

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A rotor configuration for an electric machine, the rotor configuration comprising:

a rotor shaft;

a multi-pole rotor core secured to the rotor shaft;

a plurality of field winding modules comprising individual units respectively disposed over each pole of the multi-pole rotor core;

an enclosure disposed over the field winding modules and containing the field winding modules over the rotor core; and

a magnetic shield disposed over the field winding modules between the field winding modules and the enclosure, the magnetic shield comprising a single piece construction and including a plurality of longitudinally aligned ventilation slots.

2. (Original) A rotor configuration according to claim 1, wherein the enclosure comprises a one-piece tube shaped to fit over the multi-pole rotor core, the field winding modules, and the magnetic shield.

3. (Original) A rotor configuration according to claim 1, wherein the enclosure comprises an assembly of rings.

4. (Original) A rotor configuration according to claim 1, wherein the enclosure encloses the field winding modules over an entire length of the rotor core.

5. (Original) A rotor configuration according to claim 1, wherein the enclosure is formed of a metallic material.

6. (Original) A rotor configuration according to claim 1, wherein the enclosure is formed of a composite material.

7. (Canceled)

8. (Original) A rotor configuration according to claim 1, wherein the magnetic shield comprises a one-piece tube shaped to fit over the multi-pole rotor core and the field winding modules.

9. (Original) A rotor configuration according to claim 1, wherein the magnetic shield is formed of an electrically conductive material.

10. (Currently Amended) A rotor configuration for an electric machine, the rotor configuration comprising:

a rotor shaft;

a two-pole rotor core secured to the rotor shaft;

a pair of field winding modules comprising individual units respectively disposed over each pole of the two-pole rotor core;

an enclosure including an assembly of metallic or composite structural rings disposed over the field winding modules and containing the field winding modules over a length of the rotor core; and

a magnetic shield disposed over the field winding modules between the field winding modules and the enclosure, the magnetic shield comprising multiple overlapping segments aligned longitudinally relative to the rotor shaft.

11. (Currently Amended) A rotor configuration according to claim 10, wherein the magnetic shield comprises an assembly of ~~loop~~-discontinuous axial hoop members connected by ~~closed~~ loop end circuits.

12. (Canceled)

13. (Original) A rotor configuration according to claim 10, wherein the magnetic shield is formed of an electrically conductive material.

14. (Currently Amended) A method of assembling a rotor configuration for an electric machine, the method comprising:

securing a multi-pole rotor core to a rotor shaft;

disposing a plurality of field winding modules as individual units over each pole of the multi-pole rotor core, respectively;

containing the field winding modules over the rotor core with an enclosure; ~~and~~

providing a magnetic shield with multiple overlapping segments aligned longitudinally relative to the rotor shaft; and

placing at the magnetic shield over the field winding modules between the field winding modules and the enclosure.

15. (New) A rotor configuration according to claim 10, wherein the magnetic shield comprises a plurality of longitudinally aligned ventilation slots.